

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------------------|---|------------------|---------|------------------|
| L1 | 2 | ("5363062").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/29 15:23 |
| L2 | 1 | (US-5363062-\$.did. | USPAT | OR | ON | 2007/03/29 15:24 |
| S1 | 1731 | (375/316).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/08/29 21:08 |
| S2 | 76 | "PAM-4" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:09 |
| S3 | 109 | PAM near4 ("4" near2 level) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:09 |
| S4 | 175 | S2 or S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:09 |
| S5 | 6 | S2 WITH slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:15 |
| S6 | 4 | S3 with slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:15 |

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|-----|----|------------------------|---|----|----|------------------|
| S7 | 8 | S5 or S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:10 |
| S8 | 8 | S2 same slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:42 |
| S9 | 4 | S3 same slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:15 |
| S10 | 10 | S8 or S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:15 |
| S11 | 19 | S2 and slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:42 |
| S12 | 19 | S3 and slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:42 |
| S13 | 32 | S11 or S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:42 |
| S14 | 13 | S13 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:36 |

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|-----|-----|-----------------------------------|---|----|----|------------------|
| S15 | 283 | "4" near3 level near3 slic\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:01 |
| S16 | 208 | S15 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:02 |
| S17 | 0 | S16 and PAM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:55 |
| S18 | 2 | S16 and CMOS | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 21:57 |
| S19 | 14 | S16 and (integrated adj3 circuit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:04 |
| S20 | 319 | "3" near3 level near3 slic\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:01 |
| S21 | 242 | S20 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:08 |
| S22 | 2 | S21 and PAM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:03 |

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| S23 | 2 | S21 and CMOS | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:03 |
| S24 | 21 | S21 and (integrated adj3 circuit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:08 |
| S25 | 1 | CMOS near4 slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:08 |
| S26 | 13 | CMOS with slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:11 |
| S27 | 4 | S26 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:11 |
| S28 | 40 | CMOS same slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:11 |
| S29 | 1 | (US-5517532-\$).did. | USPAT | OR | ON | 2006/08/29 22:11 |
| S30 | 24 | S28 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:35 |
| S31 | 1657 | center near2 tap near2 resistor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:35 |

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| S32 | 12 | S31 and slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:35 |
| S33 | 10 | S32 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:40 |
| S34 | 1564 | S31 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:56 |
| S35 | 272 | S34 and comparat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:56 |
| S36 | 7 | S35 and slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:41 |
| S37 | 2 | S35 and PAM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:42 |
| S38 | 122 | S35 and differential | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:54 |
| S39 | 71 | S35 and (differential near3 amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:43 |

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|-----|-----|---|---|----|----|------------------|
| S40 | 31 | S39 and offset | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:44 |
| S41 | 23 | S40 and (CMOS or (integrated near3 circuit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:44 |
| S42 | 43 | S31 with comparat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 22:56 |
| S43 | 37 | S42 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:05 |
| S44 | 484 | comparator with slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:05 |
| S45 | 2 | S44 and "PAM-4" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:05 |
| S46 | 11 | S44 and PAM | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:05 |
| S47 | 3 | S46 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:10 |

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| S48 | 336 | S44 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:36 |
| S49 | 287 | S48 and level | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:10 |
| S50 | 0 | S49 and (PAM near2 "4") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:11 |
| S51 | 32 | S49 and (level near2 "3") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:11 |
| S52 | 1 | (US-6313885-\$.did. | USPAT | OR | ON | 2006/08/29 23:25 |
| S53 | 19 | slicer and (first adj2 comparator) and (second adj2 comparator) and (third adj2 comparator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:38 |
| S54 | 10 | S53 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:49 |
| S55 | 3 | slicer same ((first adj2 comparator) and (second adj2 comparator) and (third adj2 comparator)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:48 |
| S56 | 69 | (integrated adj2 circuit) and (substrate with semiconductor) and (slicer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:49 |

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| S57 | 34 | S56 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/29 23:49 |
| S58 | 1 | (US-5699386-\$).did. | USPAT | OR | ON | 2006/08/29 23:58 |
| S59 | 76 | "PAM-4" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:07 |
| S60 | 6 | S59 WITH slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:07 |
| S61 | 8 | S59 same slicer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:25 |
| S62 | 1657 | center near2 tap near2 resistor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:25 |
| S63 | 285 | comparator and S62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:26 |
| S64 | 254 | S63 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:32 |
| S65 | 42 | comparator with S62 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:26 |

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| S66 | 36 | S65 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:31 |
| S67 | 1237 | (center near3 tap) adj10 connect\$4 adj10 (center near3 tap) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:32 |
| S68 | 1140 | S67 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:33 |
| S69 | 100 | S68 and comparator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:33 |
| S70 | 81 | S69 and resistor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:33 |
| S71 | 495 | S67 same resistor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:33 |
| S72 | 471 | S71 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:33 |
| S73 | 33 | S72 and comparator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/30 00:33 |

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| S74 | 0 | ("64659523").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/12 12:30 |
| S75 | 2 | ("6469523").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/12 12:34 |
| S76 | 65 | (first near3 differential near3 comparator) and (second near3 differential near3 comparator) and (third near3 differential near3 comparator) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:44 |
| S77 | 49 | S76 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:45 |
| S78 | 0 | S77 and (center near3 tap\$3 near3 resistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:46 |
| S79 | 0 | S77 and (center near5 resistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:38 |
| S80 | 0 | S77 and (symmetrical with offset) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:38 |
| S81 | 45 | (differential near3 comparator) and (center near3 tap\$3 near3 resistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:40 |

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| S82 | 40 | S81 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:39 |
| S83 | 4 | S82 and (center near3 tapped near3 resistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:40 |
| S84 | 1833 | (first near3 differential near3 amplifier) and (second near3 differential near3 amplifier) and (third near3 differential near3 amplifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:45 |
| S85 | 1413 | S84 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:45 |
| S86 | 10 | S85 and (center near3 tap\$3 near3 resistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/12 12:46 |
| S87 | 4 | ((("4511810") or ("20050008099")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/23 11:10 |
| S88 | 14 | ((("4511810") or ("20050008099") or ("5408694") or ("20020093340") or ("6812715") or ("20030122549") or ("5684486") or ("6218975")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/23 11:24 |
| S89 | 0 | EP89348079.AP. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:21 |

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| S90 | 0 | EP348079.AP. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:22 |
| S91 | 2 | EP with "348079" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:23 |
| S92 | 16 | (US-20050008099-\$ or US-20020093340-\$ or US-20030122549-\$).did. or (US-5684486-\$ or US-5408694-\$ or US-6812715-\$ or US-6218975-\$ or US-4511810-\$).did. or (EP-348079-\$).did. or (EP-348079-\$ or US-20050008099-\$ or JP-58040918-\$ or EP-1118865-\$ or FR-2767984-\$ or JP-08279751-\$ or US-5408694-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2007/03/23 11:26 |
| S93 | 13 | S92 and (comparat\$3 or comparis\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:26 |
| S94 | 2 | S93 and (PAM) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:25 |
| S95 | 9 | S93 and (resistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:28 |
| S96 | 2 | S95 and (center) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:27 |

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|----------|-------|---|---|----|----|------------------|
| S97 | 1373 | (resistor with (center near3 (node or tap))) and (comparit\$3 or comparis\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:29 |
| S98 | 1256 | S97 and @pd<"20030708" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:30 |
| S99 | 69638 | S98 adn (load near3 resistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:30 |
| S10 0 | 314 | S98 and (load near3 resistor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:30 |
| S10 1 | 208 | S100 and (FET or transistor or MOS or CMOS or NMOS or PMOS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:31 |
| S10 2 | 3 | S101 and (slice\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:31 |
| S10 3 | 63 | S101 and (slice\$3 or threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:37 |
| S10 4 | 0 | S103 and (PAM) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:32 |

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| S10 5 | 1 | S103 and (third near3 threshold) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:32 |
| S10 6 | 62 | S103 and (center adj tap) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:37 |
| S10 7 | 40 | S106 and (resistor near5 (center adj tap)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:39 |
| S10 8 | 20 | S103 and symmetr\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:40 |
| S10 9 | 0 | S108 and (symmetr\$4 with offset) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/23 11:40 |
| S11 0 | 2 | ("5365129").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/23 11:51 |